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IL-25 / IL-17E (aa66-79) Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3963a

Specification

IL-25 / IL-17E (aa66-79) Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	Q9H293
Other Accession	NP_073626.1, NP_758525.1, 64806
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**20330**

IL-25 / IL-17E (aa66-79) Antibody (internal region) - Additional Information

Gene ID 64806

Other Names
Interleukin-25, IL-25, Interleukin-17E, IL-17E, IL25, IL17E

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
IL-25 / IL-17E (aa66-79) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

IL-25 / IL-17E (aa66-79) Antibody (internal region) - Protein Information

Name IL25

Synonyms IL17E

Function
Cytokine produced by various cells such as eosinophils, T- helper type 2 (Th2) cells or epithelial cells that plays a role in internal safety of adaptive immune responses by regulating cytokine production (PubMed:25821217, PubMed:15860795). Promotes and augments T- helper type 2 responses locally or systemically (PubMed:<a href="http://www.uniprot.org/citations/25821217"

target="_blank">25821217). Exerts its activity via its receptor composed of IL17RA and IL17RB for signal transduction (By similarity). In turn, stimulates the JAK2- STAT5A pathway and promotes the secretion of type-2 associated cytokines including IL4, IL9 and IL13 (PubMed:25821217). Induces also the release of IL8, and IL6 from eosinophils through the combined activation of MAPK and NF-kappa-B pathways (PubMed:15860795). Inhibits the differentiation of T-helper (Th17) cells via the production of IL4, IL5 and IL13 (PubMed:11754819).

Cellular Location
Secreted.

Tissue Location
Expressed at low levels in several tissues, including brain, kidney, lung, prostate, testis, spinal cord, adrenal gland, and trachea

IL-25 / IL-17E (aa66-79) Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

IL-25 / IL-17E (aa66-79) Antibody (internal region) - Images



AF3963a (0.3 µg/ml) staining of Human Prostate lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

IL-25 / IL-17E (aa66-79) Antibody (internal region) - Background

This antibody is expected to recognize both reported isoforms (NP_073626.1; NP_758525.1).

IL-25 / IL-17E (aa66-79) Antibody (internal region) - References

T-helper cell type 2 (Th2) memory T cell-potentiating cytokine IL-25 has the potential to promote angiogenesis in asthma. Corrigan CJ, Wang W, Meng Q, Fang C, Wu H, Reay V, Lv Z, Fan Y, An Y, Wang YH, Liu YJ, Lee TH, Ying S. Proc Natl Acad Sci U S A. 2011 Jan 25;108(4):1579-84. PMID: 21205894